

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0019] with the following amended paragraph:

[0019] It is an advantage if this surface modification is included into a conventional production process, preferably before the final annealing. The annealing may be performed in a non-oxidizing atmosphere or in an oxidizing atmosphere for a suitable period of time at 800°C up to 1200°C, preferably 850°C to 1150°C. It is also possible to coat the material in several steps to attain a thicker Ca-layer on the surface of the FeCrAl-alloy. In this case one could use different kinds of Ca-containing compounds to reach denser layers. For example it might be convenient to use a Ca-containing compound that adheres well to the metal surface in the first layer and then apply a Ca-containing compound which has a better performance in building a uniform and dense Ca-layer to improve the resistance to high temperature corrosion at cyclic thermal stress.